

Abstract (continued)

As the dog finishes defecating and moves away from the ring bag, the ring bag is picked up and held horizontally with one hand. The other hand is used to reach under the ring bag and untwist the sides of the bag. As the sides of the bag are released, the weight of the feces causes the bag to drop through the center of the ring and at the same time causes the bag to be inverted with the feces inside the bag. The bag is then picked up and closed with the waste contents inside. After the walk, the bag with waste inside should be placed in a suitable trash container for disposal.

Claims

I Claim:

1. A canine waste collection device called a "ring bag" comprising a chrome-plated, 10-inch in diameter steel ring inside a disposable plastic bag. The steel ring inside provides shape and structure to the plastic bag. In preparation, the sides of the bag are gathered and twisted around on one side of the ring. The bottom of the bag on the other side of the ring forms a flat surface to catch the droppings.

The ring bag is assembled prior to walking the dog and is carried in one hand during the walk. A few moments before defecation, the ring bag is carefully placed behind and under the dog with the flat surface up.

As the dog finishes defecating and moves away from the ring bag, the ring bag is picked up and held horizontally so that the droppings remain on the flat surface.

The under side of the plastic bag is then opened and as tension is released, the weight of the feces causes the bag to collapse and drop through the center of the ring.

The plastic bag has now been inverted capturing the waste inside. The bag is retrieved from the ground and sealed to prevent any contact with the waste material.

2. A canine waste collection device, called a "ring bag", as claimed in claim 1, that uses a 10-inch steel ring and disposable plastic bag, which is easy to reload in ten seconds during the walk, if needed.

3. A canine waste collection device, called a "ring bag", as claimed in claim 1, that uses a 10-inch steel ring which holds the ring bag flat on the ground. The ring bag will remain in place where it is positioned behind and under the dog. The flat profile of the ring bag avoids any contact with the dog. The presence of the ring bag is unnoticeable and does not frighten or distract the dog while it is defecating.

4. A canine waste collection device, called a "ring bag", as claimed in claim 1, that uses a 10-inch steel ring which has been selected as the optimum size ring to be used to collect the waste droppings from any size dog. Also, under this patent, I also reserve the option to use different size steel rings in the ring kit, if the need should develop in the future. The concept of the ring bag would be the same.

Claims (continued)

5. A canine waste collection device, called a "ring bag", as claimed in claim 1, uses a chrome-plated, 10-inch in diameter, 9-gauge steel ring. The steel ring weighs 2.5 ounces which is sufficient weight to hold the bag flat on the ground, where it is placed behind the dog, and to withstand wind currents of up to 25 mph.
6. A canine waste collection device, called a "ring kit", that includes the ring bag, as claimed in claim 1, and also contains additional features related to this function. These additional features consist of a steel belt clip, a packet of 12 plastic bags, and specific instructions and helpful hints on how to use the ring kit for canine waste collection.
7. A canine waste collection device called a "ring kit", as claimed in claim 6, that contains one packet of 12 disposable plastic bags of specific size and shape. The dimensions of the ring kit plastic bags are size 12x7x14 inches and is a three dimensional gusseted type bag. The size and shape of the gusseted plastic bags have tested functionally as the optimum size and shape for the ring kit that uses the 10-inch ring.
8. A canine waste collection device called a "ring kit", as claimed in claim 6 that provides opaque white disposable plastic bags for the most sanitary appearance and high visibility, to discourage improper disposal of the bags containing waste material. Also, under this patent, I reserve the option to use other colors or designer type bags in the ring kit, if the need should develop in the future. The concept of the ring bag would be the same.
9. A canine waste collection device called a "ring kit", as claimed in claim 6, that includes a 3x5/8 inch, flat, folded steel belt clip. The belt clip is attached to the steel ring at all times to prevent loss of the steel ring during the walk with the dog. After the canine waste is collected, the belt clip with the ring is hooked securely to the belt or pocket.
10. A canine waste collection device called a "ring kit", as claimed in claim 6, that provides Special Instructions and Helpful Hints on how the dog owner should use this method for maximum results. Without this information, the basic idea and technique of using this method would not be apparent to most dog owners or dog handlers. The Special Instructions and Helpful Hints are printed on the back cardboard display panel provided with the ring kit. I claim the ideas expressed in the Special Instructions and Helpful Hints section of the ring kit constitute an essential part of the ring kit method and should be protected for use under this patent.

Description

BACKGROUND OF THE INVENTION

1. Field of the Invention

The present invention relates to a canine waste collection method that prevents any waste material from reaching the ground. The invention also relates to a sanitary means to dispose of the waste material that is collected. The invention further relates to other materials and objects that are combined in kit form as part of the waste collection method.